Approved for use through 07/81/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Number 10684138 Filing Date 2003-10-10 **INFORMATION DISCLOSURE** First Named Inventor Peter T. Barrett STATEMENT BY APPLICANT Art Unit 2623 (Not for submission under 37 CFR 1.99) **Examiner Name** Christopher C. Grant Attorney Docket Number MS1-1758US

	γ			U.S.	PATENTS	
Examiner Initial*	L Patent Kulmner		Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/J.Z./	1	6222886		2001-04-24	Yogeshwar	
	2 6728965 2004-D4-27 Mao		Mao			
\bigvee	3	6751129		2004-06-15	Gongwer	
If you wisl	h to a	dd additional U.S. Pater	nt citatio	n information p	lease click the Add button.	
			U.S.P	ATENT APPLI	CATION PUBLICATIONS	
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
/J.Z./	1	20020147991	A1	2002-10-10	Furlan, John L. W.; et al.	
	2	20030106053	A1	2003-06-05	Sih, Gilbert C.; et al.	
\downarrow	3	20030202594	A1	2003-10-30	Lainema, Jani	

,						
Application Number		10684138				
Filing Date		2003-10-10				
First Named Inventor	Peter	T. Barrett				
Art Unit		2623				
Examiner Name Chris		stopher C. Grant				
Attorney Docket Numb	er	MS1-1758US				

	·	,					•								
/J.Z./	4	2005	0039214	A1	2005-02	2-17	Lorenz, Kim E.	, et al.							
If you wis	If you wish to add additional U.S. Published Application citation information please click the Add button.														
	FOREIGN PATENT DOCUMENTS														
Examiner Initial*	Cite No	Fore Num	ign Document ber ³	Country Code ²		Kind Code4	Publication Date	Name of Patentee Applicant of cited Document	e or	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	Ţ5				
	1														
If you wish	h to ac	id add	litional Foreign Pa	itent Do	cument	citation	information pl	ease click the Add	buttor	1	<u> </u>				
				NON	-PATEN	NT LITE	RATURE DO	CUMENTS							
Examiner Initials*	Cite No	(book	de name of the au k, magazine, journ sher, city and/or c	nal, seria	ıl, symp	osium, d	catalog, etc), d	the article (when an late, pages(s), volu	opropr ime-is	riate), title of the item sue number(s),	Ţ5				
/J.Z./	1	Murph www.	ny, "Overview Of MI eeng.dcu.ie/~murph	PEG", ret nyj/the/the	rieved or e/no>>	n March , pp 1-3	29, 2007, at < <i< td=""><td>nttp://web.archive.org</td><td>j/web/2</td><td>20001203031200/http://</td><td></td></i<>	nttp://web.archive.org	j/web/2	20001203031200/http://					
If you wish	to ad	d add	itional non-patent	literatur	e docur	nent cita	ation information	on please click the	Add b	putton					
			-		EX	AMINE	R SIGNATURE								
Examiner	Signa	ture	/Jun Fei	Zhong/				Date Consider	red	08/15/2007					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.															
Standard ST. Kind of docu	.3). 3 Fo ument b	or Japai by the a	nese patent documen ppropriate symbols as	ts, the indi	cation of t	lhe year c	of the reign of the I	See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.							

PTO/SB/08a (08-03)

Approved for use through 07/31/2008, OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10684138	
	Filing Date		2003-10-10	
	First Named Inventor	Peter	T. Barrett	
	Art Unit		2623	
(Not for submission under 37 CFR 1.33)	Examiner Name	Christ	opher C. Grant	
	Attorney Docket Numb	ег	MS1-1758US	

					U.S.	PATENTS				
Examiner Initial*	Cite No	Patent Number	Kind Code ¹					es,Columns,Lines where vant Passages or Releves es Appear		
	1									
If you wisl	h to a	I dd additional U.S. Pate	nt citatio	n inform	ation p	lease click the	Add button.	<u>. </u>		
			U.S.P	ATENT	APPLI	CATION PUB	LICATIONS			
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publica Date	ation	Name of Pat of cited Docu	entee or Applicant ument	Relev	s,Columns,Lines where vant Passages or Releves es Appear	
/J.Z./	1	20030093801	A 1	2003-05	5-15	Lin, Chia-Wen; et al.				
	2	20030158899	A1	2003-08	3-21	Hughes, John				
\downarrow	3	20060117343	A1	2006-06	3-01	Novak; Robert	:E.; et al.			•
f you wish	to ac	ld additional U.S. Publ				n information p		butto	n.	
Examiner nitial*	Cite No	Foreign Document Number ³	Country Code ²	,	Kind Code ⁴	Publication	Name of Patentee Applicant of cited Document	or	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	Т5
	1							·		

Application Number	10684138	
Filing Date	2003-10-10	
First Named Inventor	Peter T. Barrett	
Art Unit	2623	
Examiner Name	Christopher C. Grant	
Attorney Docket Numb	MS1-1758US	

If you wis	h to a	d additional Foreign Pate	nt Document citation in	formation please click the Add butto	n				
			NON-PATENT LITERA	ATURE DOCUMENTS		***			
Examiner Initials*	[/hook magazine journal serial symposium catalog etc) date negacio) volume issue numberio)								
	1								
If you wish	n to a	d additional non-patent lit	erature document citation	on information please click the Add	button	<u> </u>			
•		•	EXAMINER S	SIGNATURE					
Examiner	Signa	ure /Jun Fei Z	!hong/	Date Considered	08/15/2007	,			
*EXAMINI citation if I	ER: In not in	tial if reference considere conformance and not cons	d, whether or not citatio sidered. Include copy o	n is in conformance with MPEP 609 f this form with next communication	. Draw line through a				
Standard ST 4 Kind of doc	.3). ³ F ument	r Japanese patent documents,	the indication of the year of th	01.04. ² Enter office that issued the docume e reign of the Emperor must precede the se or WIPO Standard ST.16 if possible. ⁵ Appli	rial number of the patent doc	ument.			

PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

ate	2002 40 40	
	2003-10-10	
med Inventor	r Peter T. Barrett	
	2623	
er Name	Christopher C. Grant	
Docket Numb	ber MS1-1758US	
	med Inventor	

					U.S.	PATENTS				
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue (Date	of cited Document		Relev	s,Columns,Lines where rant Passages or Releva es Appear	int
/J.Z./	1	5724646		1998-0	3-03	Ganek, et al.				
/J.Z./	2	6637031		2003-10)-21	Chou				
If you wish	n to ac	dd additional U.S. Pate	nt citatio	n inform	ation pl	ease click the	Add button.			
			U.S.P	ATENT	APPLI	CATION PUB	LICATIONS			
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publica Date	ation	Name of Patentee or Applicant of cited Document		Relev	ages,Columns,Lines where elevant Passages or Relevant gures Appear	
/J.Z.	1	20020147979	A1	2002-10)-1 0	Corson				
If you wish	ı to ac	ld additional U.S. Publi	shed Ap	plication	citation	n information p	olease click the Ado	butto	n.	
,				FOREIG	SN PAT	ENT DOCUM	IENTS			<u> </u>
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²		Kind Code ⁴	Publication Date	Name of Patentee Applicant of cited Document	or	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T 5
	1			-						
If you wish	to ad	Id additional Foreign Pa	atent Do	cument	citation	information pl	ease click the Add	button	· · · · · · · · · · · · · · · · · · ·	
		*	NON	-PATE	IT LITE	RATURE DO	CUMENTS			

Application Number		10684138			
Filing Date		2003-10-10			
First Named Inventor Peter		T. Barrett			
Art Unit		2623			
Examiner Name Christ		topher C. Grant			
Attorney Docket Numb	er	MS1-1758US			

Examiner Initials* Cite No C							
	1						
If you wish	to ac	ld additional non-patent literature docu	ument citation information please click the Add button	l			
		E	XAMINER SIGNATURE				
Examiner	Signa	ture /Jun Fei Zhona/	Date Considered 08/15/2007				
citation if r See Kind C Standard ST	odes of	conformance and not considered. Inc	or not citation is in conformance with MPEP 609. Draw line through a flude copy of this form with next communication to applicant. OV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (W) of the year of the reign of the Emperor must precede the serial number of the patent document.	ument.			
Kind of doc	ument l	by the appropriate symbols as indicated on the anslation is attached.	document under WIPO Standard ST.16 if possible. 5 Applicant is to place a check mark	here			

Approved for use through 07/S1/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

10684138 **Application Number** Filing Date 2003-10-10 **INFORMATION DISCLOSURE** First Named Inventor Peter T. Barrett STATEMENT BY APPLICANT Art Unit 2614 (Not for submission under 37 CFR 1.99) **Examiner Name** Attorney Docket Number MS1-1758US

	U.S.PATENTS								
Examiner Initial*		Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
/J.Z	/J.Z./ 1 5461415 1995-		1995-10-24	Wolf, et al.					
		2	5473362		1995-12-05	Fitzgerald, et al.			
		3	5583868		1996-12-10	Rashid, et al.			
		4	5631694		1997-05-20	Aggarwal, et al.			
		5	5699362		1997-12-16	Makam			
		6	5884141		1999-03-16	Inoue, et al.			
		7	5926230		1999-07-20	Niijima, et al.			
	/	8	6047317		2000-04-04	Bisdikian, et al.			

Application Number	10684138
Filing Date	2003-10-10
First Named Inventor	Peter T. Barrett
Art Unit	2614
Examiner Name	
Attorney Docket Numb	er MS1-1758US

/J	/J.Z./		6078594	2000-06-20	Anderson, et al.	
		10	6118498	2000-09-12	Reltmeier	
		11	6138147	2000-10-24	Weaver, et al.	
		12	6222482	2001-04-24	Gueziec	
		13	6266817	2001-07-24	Chaddha	
		14	6330286	2001-12-11	Lyons, et al.	
		15	6430547	2002-08-06	Busche, et al.	
		16	6496814	2002-12-17	Busche	
		17	6505106	2003-01-07	Lawrence, et al.	
		18	6580754	2003-06-17	Wan, et al.	
	/	19	6609149	2003-08-19	Bandera, et al.	

Application Number	10684138
Filing Date	2003-10-10
First Named Inventor	Peter T. Barrett
Art Unit	2614
Examiner Name	
Attorney Docket Number	er MS1-1758US

/J.Z./	20	6615133		2002 00 00	Daine at al	
1	20	0010133		2003-09-02	Boies, et al.	
	21	6721952	2004-0		Guedalia, et al.	
	22	6751626		2004-06-15	Brown, et al.	
	23	6766245		2004-07-20	Padmanabhan	
	24	6842724		2005-01-11	Lou, et al.	
\leftarrow	25	6856759		2005-02-15	Fukuda, et al.	
f you wis	n to a	dd additional U.S. Pater	nt cita ti o	n information p	lease click the Add button.	
		T	U.S.P	ATENT APPLI	CATION PUBLICATIONS	
xaminer nitiai*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear

			i .		L	l ;		
/J.Z./		1	20020108119	A1	2002-08-08	Mao, et al.		
			2	20030159143	A1	2003-08-21	Chan, Peter	
		/	3	20030202775	A1	2003-10-30	Junkersfeld, et al.	

Application Number	10684138
Filing Date	2003-10-10
First Named Inventor	Peter T. Barrett
Art Unit	2614
Examiner Name	
Attorney Docket Number	er MS1-1758US

,	/J.Z./	4	20040034863	A 1	2004-02-19	Валтеtt, et al.	
		5	20040034864	A1	2004-02-19	Barrett, et al.	
		6	20040128694	A 1	2004-07-01	Bantz, et al.	
		7	20040160974	A 1	2004-08-19	Read, et al.	
		8	20040255328	A1	2004-12-16	Baldwin, et al.	
		9	20050078680	A1	2005-04-14	Barrett, et al.	
		10	20050078757	A1	2005-04-14	Nohrden .	
		11	20050080904	A1	2005-04-14	Green	
		12	20050081243	A1	2005-04-14	Barrett, et al.	
		13	20050081244	A1	2005-04-14	Barrett, et al.	
	/	14	20050081246	A1	2005-04-14	Barrett, et al.	

Application Number		10684138			
Filing Date		2003-10-10			
First Named Inventor	Peter	T. Barrett			
Art Unit		2614			
Examiner Name					
Attomey Docket Number		MS1-1758US			

/J.	Z./	15	20050154917	A 1	2005-07	7-14	deÇarmo				
		16	20050172314	A1	2005-08	3-04	Krakora, et al.				
\		17	20050190781	A1	2005-09-01		Green, et al.				
If yo	u wis	h to a	dd additional U.S. Publ	shed Ap			*****		butto	on.	
			·	Y	FOREIG	GN PAT	ENT DOCUM	ENT\$		•	
Exa	miner al*	Cite No	Foreign Document Number ^g	Country Code ²		Kind Code4	Publication Date	Name of Patentee Applicant of cited Document	or .	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	75
1.	J.Z./	1	CA2480461	CA			2003-10-16	Cisco Technology, I	nc.		
		2	EP0633694	EP		•	1995-01-11	Digital Equipment C	огр		
		3	EP1294193	EP			2003-03-19	Thomson Licensing	SA		
		4	WO0126271	wo			2001-04-12	World Multicast.com	ı, Inc.		
		5	WO0156285	wo			2001-08-02	Berberet, et al.	•		
	/	6	WO02087235	wo			2002-10-31	Vividon, Inc.			

<u> </u>	
Application Number	10684138
Filing Date	2003-10-10
First Named Inventor	Peter T. Barrett
Art Unit	2614
Examiner Name	
Attorney Docket Number	er MS1-1758US

		···									
/J.	Z./	7	WO03088646	wo	20	03-10-23	Thomson Licensing SA				
		8	WO2004062291	wo	20	04-07-22	Koninklijke Philips Electronics NV				
		9	WO9806045	wo	19	98-02-12	OLIVER Corporation LTD				
\		10	WO9909741	wo	19	99-02-25	Next Level Comm (US)				
If yo	u wis	h to a	dd additional Foreign P				ease click the Add buttor	1			
		1		NON-PATEN							
Exa: Initia	miner ils*	Cite No	include name of the a (book, magazine, jour publisher, city and/or	nal, serial, sympo	osium, cata	RS), title of talog, etc), o	the article (when appropi late, pages(s), volume-is	riate), title of the item sue number(s),	Ţ 5		
/J	.Z./	1	Application Serial Numb	er 11/010,200, Smi	ith, et al., Fi	iled 12/10/20	004. ·				
		2	BenAbdelkader, et al., " Transactions on Pattern	Combining Holistic Analysis and Mach	and Param ine Intellige	etric Approa ence, Decerr	ches for Gait Recognition," nber 2002, 37 pages.	Submitted to IEEE			
,		3	BenAbdelkader, et al., " Audio and Video-based	BenAbdelkader, et al., "EigenGait: Motion-based Recognition of People Using Image Self-similarity," Proc. Intl. on Audio and Video-based Person Authentication (AVBPA), 2001, 11 pages.							
		4	BenAbdelkader, et al., "Motion-based Recognition of People in Eigengait Space," 5th International Conference on Automatic Face and Gesture Recognition, 5/20/2002, pp. 1-6.								
`		5	BenAbdelkader, et al., "Person Identification Using Automatic Height and Stride Estimation," IEEE International Conference on Pattern Recognition, 8/11/02-8/15/02, pp. 1-4.								

Application Number		10684138	
Filing Date		2003-10-10	
First Named Inventor	Pete	r T. Barrett	
Art Unit		2614	· · · · · · · · · · · · · · · · · · ·
Examiner Name			
Attorney Docket Number		MS1-1758US	

/.	J.Z./	6	BenAbdelkader, et al., "Stride and Cadence as a Biometric in Automatic Person Identification and Verification," 5th International Conference on Automatic Face and Gesture Recognition, 5/20/2002, pp. 1-6	
		7	BenAbdelkader, et al., "View-invariant Estimation of Height and Stride for Gait Recognition," Workshop on Biometric Authentication (BIOMET), in association with ECCV 2002, 6/1/2002, 12 pages.	
		8	Cutler, et al., "Robust Real-Time Periodic Motion Detection, Analysis, and Applications," IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI), Vol. 22, No. 8, August 2000, pp. 781-796.	
		9	"Digital Headend Solutions; Tune in to Digital TV", available at < <http: digitalheadend="" index.cfm="" solutions="" www.tutsystems.com="">>, accessed on 11/03/05, 1 page.</http:>	
		10	Ding, et al., "Resource-Based Striping: An Efficient Striping Strategy for Video Servers Using Heterogeneous Disk- Subsystems", Multimedia Tools and Applications, Vol. 19, No. 1, Jan, 2003, pp. 29-51	
		11	Elgammal, et al., "Non-parametric Model for Background Subtraction," IEEE ICCV99 Frame Rate Workshop, IEEE 7th International Conference on Computer Vision, Kerkyra, Greece, September 1999, pp. 1-17.	
		12	Gil, et al., "Simulation of a Mobility Prediction Scheme Based on Neuro-Fuzzy Theory in Mobile Computing", Simulation, July 2000, Vol. 75, No. 1, pp 6-17.	
		13	Gonzalez, et al., "Load Sharing Based on Popularity in Distributed Video on Demand Systems", Proceedings 2002 IEEE Int'l. Conf. on Multimedia and Expo, Vol. 1, Aug. 2002, pp. 5-8.	
		14	Halvorsen et al., "Q-L/MRP: A Buffer Muffer Management Mechanism for QoS Support in a Multimedia DBMS", IEEE 1998, pp 162-171.	
		15	Haritaoglu, et al., "W4S: A Real-Time System for Detecting and Tracking People in 2 1/2 D," in European Conference on Computer Vision, 1998, 16 pages.	
V	/	16	Hurst, et al., "MPEG Splicing: A New Standard for Television-SMPTE 312M", SMPTE Journal, November 1998, pp 978-988.	

Application Number		10684138	
Filing Date		2003-10-10	
First Named Inventor	Pete	er T. Barrett	
Art Unit		2614	·
Examiner Name			<u></u> -
Attorney Docket Numb	er	MS1-1758US	

/J.	Z./	17	"Infovalue Experts; Info Value Unveils Industry's First Video Multicasting Solution with Instant Replay", available at < http://www.infovalue.com/links/news%20room/press%20releases/1999/Press_%20First_Multicasting_with_Instant_Replay.pdf , accessed on 11/03/05, 3 pages.	
		18	Kamiyama et al., "Renegotiated CBR Transmission in Interactive Video-on-Demand System", IEEE 1997, pp 12-19.	
		19	Lee, "Staggered Push-A Linearly Scalable Architecture for Push-Based Parallel Video Servers", IEEE Transactions on Multimedia, Vol. 4, No. 4, December 2002, pp. 423-434.	
		20	Lo, et al., "Deploy Multimedia-on-Demand Services over ADSL Networks", PCM 2002, Lecture Notes in Computer Science, Vol. 2532, Dec 2002, pp. 295-302.	
		21	Lu, et al., "Experience in designing a TCP/IP based VOD system over a dedicated network", IEEE 1997, pp 262-266.	
		22	"MediaFLO: Introducing FLO Technology", available at < http://www.qualcomm.com/mediaflo/news/pdf/flo_whitepaper.pdf >, accessed on 11/03/05, pp. 1-8.	
		23	"Multidimensional Database Technology", Computer, December 2001, Vol. 34, No. 12, pp 40-46.	
		24	"Optibase MGW 2400", available at < <http: www.epecom<br="">graphics.com/optibase_mgw2400_features.html>>, accessed on 11/03/05, 2 pages.</http:>	
		25	Petit, et al., "Bandwidth Resource Optimization in Video-On-Demand Network Architectures", IEEE 1994, pp 91-97.	
		26	"QuickTime Streaming your Media in Real Time", available at < <http: <br="" quicktime="" technologies="" www.apple.com.tw="">streaming/>>, accessed on 11/03/05, 3 pages.</http:>	
\	/	27	Song, et al., "Replica Striping for Multi-Resolution Video Servers", IDMS/PROMS 2002, Lecture Notes in Computer Science, Vol. 2515, No. 2002, pp. 300-312.	

Application Number		10684138	
Filing Date		2003-10-10	
First Named Inventor	Peter	T. Barrett	
Art Unit		2614	
Examiner Name			
Attorney Docket Numb	er	MS1-1758US	***************************************

		,							
Ι.	J.Z./	28	Tsai, R., "An Efficient and Accurate Camera Calibration Technique Computer Vision and Pattern Recognition, 1986, pp. 364-374.	e for 3d Machine Vision," Pro	oceedings of the				
	Turk, et al., *Face Recognition Using Eigenfaces," CVPR, 1991. pp. 588-591.								
	Wee, et al., "Splicing MPEG Video Streams in the Compressed Domain", IEEE 1997, pp 224-230.								
	Wolfson, et al., "Modeling Moving Objects for Location Based Services", Lectures Notes in Computer Science, 2002, Vol. 2538, pp 46-58								
		32	Zhang, et al., "Data Modeling of Moving Objects with GPS/GIS in Communications, Circuits and Systems and West Sino Exposition						
\	/	33	Zhang, et al., "The Cost Model of Moving Objects Communication Communications, Circuits and Systems and West Sino Exposition						
If yo	u wis	h to ac	dd additional non-patent literature document citation informat	ion please click the Add t	outton				
			EXAMINER SIGNATUR	E					
Exa	miner	Signa	ature /Jun Fei Zhong/	Date Considered	08/15/2007				
*EX	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								
Stand 4 Kind	See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (MPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. I Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.								

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(uso as many sheets as necessary) of

Complete if Known						
Application Number	10/684,138					
Filing Date	10/10/2003					
First Named Inventor	Peter T. Barrett					
Art Unit	2614					
Examiner Name						
Attorney Docket Number	MS1-1758HS					

		i	U.S. PATENT		
Examiner Initials'	Cite No.1	Document Number Publication Date MM-DD-YYYY Number-Kind Code ² (if known)		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/J.Z./		US- 2002/0114331	08-22-2002	Cheung et al.	
		US- 2002/0124258	09-05-2002	Fritsch	
		US- 2002/0002708	01-03-2002	Arye	
		US- 6.418.473	07-09-2002	St. Maurice et al.	
1		US- 2002/0107968	08-08-2002	Horn et al.	
V		US- 2002/0040481	04-04-2002	Okada et al.	
		US-			
		US-		,	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			· · · · · · · · · · · · · · · · · · ·
		US-	 		
		US-			
		US-		†	

FOREIGN PATENT DOCUMENTS								
Examiner Initials'	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7		
/J.Z./		WO 01/03373A1	01-11-01	TELIA AB				
			ļ					
						<u> </u>		
		<u> </u>	İ					

I Examiner I		Date	
	/ l.u. Ca: 7hana/	Date	
Signature	/Jun Fei Zhong/		00/4 <i>E/</i> 2007
Signature	, carrier and an arrange	Considered	08/15/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant, 1 Applicant's unique citation designation number (optional), 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document by the two-letter code (WIPO Standard ST 3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the social number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Please type	8	plus	sign	(+)	Inside	this	box	→	4

EL961412486



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

2

Sheet of

Complete if Known				
Application Number	10/684,138			
Filing Date	Oct 10, 2003			
First Named Inventor	Barrett			
Group Art Unit				
Examiner Name				
Attorney Docket Number	MS1-1758US			

U.S. PATENT DOCUMENTS								
Cite No.1	U.S. Patent Number	Kind Code ²	Name of Patentee or Applicant	Date of Publication of Cited Document MM-DD-YYYY	Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear			
	6,564,262		Chaddha	05-13-2003				
				<u> </u>				
				<u> </u>				
			- · · · · · · · · · · · · · · · · · · ·	 				
				<u> </u>				
	<u> </u>							
				<u> </u>	· · · · · · · · · · · · · · · · · · ·			
								
				+				
				 				
<u> </u>					· · · · · · · · · · · · · · · · · · ·			
	<u></u>							
					-			
	No.1	Cite No.1 Number 6,564,262	No.1 Number Kind Coda (Il known) 6,564,262	Cite No.1 Number Klnd Code2 (It known) 6,564,262 Chaddha Name of Patentee or Applicant of Cited Document Chaddha	Cite No.1 Number Klnd Code? (If known) 6,564,262 Chaddha 05-13-2003			

FOREIGN PATENT DOCUMENTS									
Examiner Initials	Cite No.1	Foreign Patent Document			Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	T	
		Office ³	Number ⁴	Kind Code ⁵ (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T⁰	
		 				ļ			
		 						╄	
		 						╁	
			· · · · · · · · · · · · · · · · · · ·						
		 						ـــ	
		 		 -				╁	
			··					╁	

Examiner	/Jun Fei Zhong/	Date	
Signature	73diff et Zhong/	Considered	08/15/2007

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must pracede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type	a plus	sign (+	r) inside	this box	→	+

EL961412486



Substitute for form 1449B/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

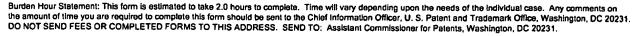
2 2

Complete if Known				
Application Number	10/684,138			
Filing Date	Oct 10, 2003			
First Named Inventor	Barrett			
Group Art Unit				
Examiner Name				
Attorney Docket Number	MS1-1758US			

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2		
/J.Z./	"Active Network based management for QoS assured multicast delivered media", State et al., Joint 4 Int'l Conf. on ATM and High Speed Intelligent Internet Symposium; 04/2001; pages 123-127.				
		"On-line Scene Change Detection of Multicast (MBone) Video", Zhou et al., Proceedings of the SPIE-The International Society for Optical Engineering, November 1998, Vol. 3527, pages 271-282.			
		"Group Communication in Multichannel Networks with Staircase Interconnection Topologies", McKinley et al., Computer Communication Review, ACM, September 1989, Vol. 19, No. 4, pages 170-181.			
		"Scalable Video Coding and Transport over Broad-Band Wireless Networks", Wu et al., Proceedings of the IEEE, January 2001, Vol. 89, No. 1, pages 6-20.			
V		"Support for Multicast over UNI 3.0/3.1 based ATM Networks", G. Armitage, RFC 2022, Standards Track, November 1996, pages 1-82.			
		·			
		•			

			T
Examiner	/Jun Fei Zhong/	Date	
Signature	/Jun i el Zhong/		08/15/2007
Signature		Considered	00/10/2007

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant,